

## **Legally Binding Requirements**

### **Federal Regulations**

**10 CFR 830 Subpart A – Quality Assurance Requirements**

**10 CFR 835 Occupational Radiation Protection**

**10 CFR 860 Trespassing on Department of Energy Property**

**10 CFR 1021 National Environmental Policy Act Implementation Procedures.**

**28 CFR 36 Nondiscrimination on the Basis of Disability by Public Accommodations**

**40 CFR 61 Subpart H National Emission Standards of Radionuclides Other than Radon from DOE Facilities**

**40 CFR 63 National Emission Standards for Hazardous Air Pollutants for Source Categories**

**40 CFR 82 Protection of Stratospheric Ozone**

**40 CFR 112 Oil Pollution Prevention; Spill Prevention, Controls and Countermeasures**

**40 CFR 117 Determination of Reportable Quantities for Hazardous Substances**

**40 CFR 131 Water Quality Standards**

**40 CFR 141 National Primary Drinking Water Regulations**

**40 CFR 260, 261, 262, 263, 264 Subpart S, 265, 268 Hazardous Waste Implementing Rules**

**40 CFR 279 Standards for the Management of Used Oil**

**40 CFR 300 National Oil and Hazardous Substances Pollution Contingency Plan**

**40 CFR 302 Designation, Reportable Quantities and Notification**

**40 CFR 355 Emergency Planning and Notification**

**40 CFR 761 Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions**

**49 CFR 171-180 DOT Hazardous Materials Regulations**

**49 CFR 383.23 Commercial Drivers' License**

**Consent Agreement and Consent Order, executed February 27th, 1996**

## **State Regulations**

347 IAC 110, 120, 130, 140 Right-To-Know

567 IAC 20, 21, 22.1-22.4, 22.7, 23.1(3) and (4), 23.2-23.4, 23.6, 24, 28 Air Quality

567 IAC 39 Requirements for Properly Plugging Abandoned Wells

567 IAC 60 Wastewater Treatment and Disposal: Definitions, Rules of Practice

567 IAC 61 Water Quality Standards

567 IAC 100, 101, 109, 110, 118, 119 Solid Waste Management and Disposal

567 IAC 131 Notification of Hazardous Conditions

567 IAC 132 Transportation of Radioactive Material in Iowa

567 IAC 133 Determining Cleanup Actions and Responsible Parties

567 IAC 140 and 141 Hazardous Waste

661 IAC Public Safety, Chapter 5.300-5.314 Flammable and Combustible Liquids Code

Code of Iowa, Chapter 321.174-321.235 and 321.252-321.562 Motor Vehicles and Law of the Road

## **Miscellaneous**

IATA Dangerous Goods Regulations, 42<sup>nd</sup> Edition and Subsequent

## **External or Internal Standards**

### **Federal Standards**

29 CFR 1910 General Industry Standards, as applicable

29 CFR 1910 Subpart D Walking-Working Surfaces

29 CFR 1910 Subpart E Means of Egress

29 CFR 1910 Subpart F Powered Platforms, Manlifts, and Vehicle-Mounted Work Platforms

29 CFR 1910 Subpart G Occupational Health and Environmental Control

**29 CFR 1910 Subpart H Hazardous Materials**

**29 CFR 1910 Subpart I Personal Protective Equipment**

**29 CFR 1910 Subpart J General Environmental Controls**

**29 CFR 1910 Subpart K Medical and First Aid - General**

**29 CFR 1910 Subpart L Fire Protection**

**29 CFR 1910 Subpart M Compressed Gas and Compressed Air Equipment**

**29 CFR 1910 Subpart N Materials Handling and Storage**

**29 CFR 1910 Subpart O Machinery and Machine Guarding**

**29 CFR 1910 Subpart P Hand and portable powered tools and equipment, general**

**29 CFR 1910 Subpart Q Welding, Cutting & Brazing**

**29 CFR 1910 Subpart S Electrical**

**29 CFR 1910 Subpart Z Toxic and Hazardous Substances**

**29 CFR 1926 Safety and Health Regulations for Construction, as relevant**

**29 CFR 1926 Subpart C General Safety and Health Provisions**

**29 CFR 1926 Subpart E Personal Protective & Life Saving Equipment**

**29 CFR 1926 Subpart H Materials Handling, Storage, Use and Disposal**

**29 CFR 1926 Subpart J Welding/Cutting**

**29 CFR 1926 Subpart L Scaffolds**

**29 CFR 1926 Subpart N Cranes, Derricks, Hoists, Elevators and Conveyors**

**29 CFR 1926 Subpart O Motor Vehicles, Mechanized Equipment and Marine Operations**

**29 CFR 1926 Subpart P Excavations**

**29 CFR 1926 Subpart Z Toxic and Hazardous Substances**

**29 CFR 1926.52 Occupational Noise Exposure (part of Subpart D, Occupational Health and Environmental Controls)**

**29 CFR 1926.62 Lead (part of Subpart D, Occupational Health and Environmental Controls)**

**Executive Order 12580 Sections 8 and 11 Superfund Implementation**

**Executive Order 13101 Greening the Government Through Waste Prevention, Recycling, and Federal Acquisition**

**Executive Order 13148 Greening of the Government Through Leadership in Environmental Management**

### **Ames Laboratory Documents**

**Ames Laboratory Environment, Safety, Health & Assurance Program Manual (#10200.002)**

**Ames Laboratory Readiness Review Procedure [# 10200.010]**

**Policies & Procedures For Handling Radioactive Waste**

### **Miscellaneous**

**Iowa State University Cylinder Safety Guidelines**

**ISU - City Of Ames Pretreatment Agreements #3593-3 & #4093-3**

**State Of Iowa Plumbing Code**

**Waste Disposal Site Acceptance Criteria, as relevant to Work Processes #12, #14 and #18**

### **Consensus Standards**

**ACGIH Industrial Ventilation Manual**

**ACGIH TLV Booklet, as relevant to Work Processes #32, #55 and #56**

**ANSI N323A-1997, American National Standard Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments**

**ANSI N43.2 Radiation Safety for X-ray Diffraction and Fluorescence Analysis Equipment**

**ANSI N43.3 Installations Using Non-Medical X-Ray and Sealed Gamma Ray Sources**

**ANSI Standards, as relevant**

**ANSI Z9.5 Lab Ventilation**

**ANSI/ASHRAE 62-1989 Ventilation for Acceptable Indoor Air Quality**

**ANSI/ASME B31.5 Refrigeration Piping**

**ANSI/ASME B31.8 Gas Transmission and Distribution Piping Systems**

**ANSI/ASME B31.9 Building Services Piping**

**ANSI/ASME B56.1 Safety Standard for Powered Industrial Low Lift and High Lift Trucks**

**ASME Pressure Vessel Code**

**Compressed Gas Association Pamphlet C-6 Standards for Visual Inspection of Steel Compressed Gas Cylinders**

**Compressed Gas Association Pamphlet P-1 Safe Handling of Compressed Gases in Containers**

**Compressed Gas Association Pamphlet S-1.1 Pressure Relief Device Standards - Cylinders for Compressed Gases**

**Compressed Gas Association Pamphlet S-1.2 Pressure Relief Device Standards - Cargo and Portable Tanks for Compressed Gases**

**Compressed Gas Association Pamphlet S-1.3 Pressure Relief Device Standards - Compressed Gas Storage Containers.**

**National Fire Protection Association (NFPA) National Fire Codes set**

**International Building Code**

**Uniform Mechanical Code**

### **DOE Orders and Requirements**

**DOE Order 151.1 Comprehensive Emergency Management System**

**DOE Order 231.1 Environment, Safety and Health Reporting**

**DOE Order 232.1A Occurrence Reporting and Processing of Operations Information**

**DOE Order 420.1 Facility Safety; Section 4.2, Fire Protection (as applicable to Work Process #18)**

**DOE Order 470.1 Safeguards and Security Program, Chapters 1, 2, 5, 6, 7, 9, 10, as relevant to Work Process #18**

**DOE Order 474.1A Control and Accountability of Nuclear Materials**

**DOE Order 5400.5 Radiation Protection of the Public and the Environment; Ch. II, Sec. 3 and Ch. III, Derived Concentration Guides.**